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1	US 20060107167 A1	20060518	18	Multiple antenna communication system using automatic repeat request error correction scheme	714/748	
2	US 20050268199 A1	20051201	9	Method and circuit for reducing SATA transmission data errors by adjusting the period of sending ALIGN primitives	714/746	
3	US 20050246605 A1	20051103	9	Method for processing noise interference	714/746	
4	US 20050204251 A1	20050915	33	Transceiver apparatus and method for efficient retransmission of high-speed packet data	714/748	
5	US 20050149808 A1	20050707	11	Method and apparatus for combining output of different type interleavers based on an input data sequence to obtain a combined output	714/746	
6	US 20050076284 A1	20050407	13	Method and device for transferring data wherein a bit rate adaptation model is signaled between the transmitter and the receiver	714/749	
7	US 20050007948 A1	20050113	11	Hybrid automatic repeat request combining method in orthogonal frequency division multiplexing system	370/208	714/746
8	US 20040199846 A1	20041007	33	Multicarrier communication apparatus and multicarrier communication method	714/748	
9	US 20040193993 A1	20040930	14	Error detection for multi-stream communications	714/746	
10	US 20040133836 A1	20040708	17	Method and apparatus for performing error correction code (ECC) conversion	714/746	
11	US 20040059978 A1	20040325	16	Reduced latency for recovery from communications errors	714/748	
12	US 20030217319 A1	20031120	13	RELIABILITY-BASED TYPE-II HYBRID ARQ SCHEME	714/751	

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14	US 20030097629 A1	20030522	34	Transceiver apparatus and method for efficient retransmission of high-speed packet data	714/751	
15	US 20030005382 A1	20030102	10	System and method for frame re-transmission in a broadcast communication system	714/748	
16	US 20020129312 A1	20020912	13	Signalling method in an incremental redundancy communication system whereby data blocks can be combined	714/748	
17	US 20020013922 A1	20020131	15	Digital transmission method of the error correcting coding type	714/751	714/701
18	US 20020012337 A1	20020131	36	Wireless communications with efficient retransmission operation	370/349	370/473; 714/748
19	US 7007216 B2	20060228	7	Rate-matching algorithm for hybrid ARQ system	714/748	370/253; 370/342
20	US 7000166 B2	20060214	18	Apparatus and method for header decompression	714/746	714/704
21	US 6983410 B2	20060103	10	System and method for a frame re-transmission in a broadcast communication system	714/748	714/4
22	US 6977888 B1	20051220	17	Hybrid ARQ for packet data transmission	370/218	370/236; 714/751; 714/758
23	US 6959410 B2	20051025	18	Apparatus and method for header decompression	714/746	714/704
24	US 6909758 B2	20050621	18	Systems and methods for decoding data blocks	375/340	370/329; 370/347; 370/465; 375/147; 375/295; 714/751
25	US 6904555 B2	20050607	17	Decoding apparatus and decoding method, and data receiving apparatus and data receiving method	714/751	714/755; 714/780; 714/790

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17	Gueguen, Arnaud
18	Schmidl, Timothy M. et al.
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26	US 6842445 B2	20050111	12	Retransmission method with soft combining in a telecommunications system	370/349	370/338; 714/749
27	US 6839325 B2	20050104	35	Wireless communication system which uses ARQ packets to ACK a plurality of packets from an 802.15 superpacket	370/242	714/750
28	US 6763492 B1	20040713	25	Method and apparatus for encoding of linear block codes	714/752	714/746
29	US 6728920 B1	20040427	14	Method for correcting errors in transfer of information	714/752	714/701; 714/751
30	US 6700867 B2	20040302	18	Method and system for reduced memory hybrid automatic repeat request	370/216	370/317; 714/748
31	US 6697988 B2	20040224	13	Data transmission apparatus and method for an HARQ data communication system	714/752	714/748; 714/751
32	US 6697986 B2	20040224	22	Data transmission apparatus and method for an HARQ data communication system	714/751	714/758
33	US 6697985 B1	20040224	16	Predictive forward error correction redundancy	714/751	714/786
34	US 6671849 B2	20031230	11	Reliability-based type-II hybrid ARQ scheme	714/746	375/377; 714/748; 714/749
35	US 6594791 B2	20030715	13	Signalling method in an incremental redundancy communication system whereby data blocks can be combined	714/748	714/750
36	US 6567388 B1	20030520	13	Method and apparatus for efficient data retransmission in a voice-over-data communication system	370/335	370/342; 714/748
37	US 6530055 B1	20030304	36	Method and apparatus for receiving and decoding coded information, including transfer of error information from transmission layer to coding layer	714/746	
38	US 6523148 B1	20030218	18	Majority decision method for improved frame error rate in the digital enhanced cordless telecommunications system	714/797	375/342; 714/748; 714/815; 714/822
39	US 6493562 B2	20021210	27	Information delivery method for vehicular communication devices	455/517	340/905; 455/3.01; 455/73; 714/748

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40	US 6438723 B1	20020820	14	Method and arrangement for the reliable transmission of packet data	714/751	
41	US 6359877 B1	20020319	20	Method and apparatus for minimizing overhead in a communication system	370/349	370/232; 370/252; 370/389; 370/391; 370/394; 375/220; 709/237; 709/250; 714/748
42	US 6346874 B1	20020212	14	Transmitter and receiver, and communication system and communication method	340/5.2	714/746
43	US 6324667 B1	20011127	16	Radio transmission method and radio transmission device	714/746	714/751
44	US 6317418 B1	20011113	15	Method for transmitting packet switched data in a mobile communications system	370/278	370/277; 370/282; 370/913; 714/748; 714/799
45	US 6310887 B1	20011030	32	Transmission speed predicting apparatus and transmission speed predicting method	370/465	370/320; 375/262; 714/746
46	US 6289003 B1	20010911	15	Method for transmitting packet switched data in a mobile communications system	370/278	370/277; 370/282; 370/912; 370/913; 714/748; 714/751
47	US 6247150 B1	20010612	9	Automatic retransmission with order of information changed	714/701	370/337; 714/748
48	US 6233708 B1	20010515	10	Method and device for frame error detection	714/747	
49	US 6212240 B1	20010403	8	Method and apparatus for conveying data between communication devices	375/261	370/468; 714/18; 714/748; 714/749

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<b>41</b>	Rathonyi; Bela Stefan Kazmir et al.
<b>42</b>	Maeshima; Yasunori
<b>43</b>	Sugaya; Shigeru
<b>44</b>	Raitola; Mika et al.
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51	US 6141784 A	20001031	14	Method and system in a data communications system for the retransmission of only an incorrectly transmitted portion of a data packet	714/748	370/473; 714/776
52	US 6128763 A	20001003	12	Dynamically changing forward error correction and automatic request for repetition	714/774	714/751
53	US 6126310 A	20001003	23	Method apparatus and packet transmission system using error correction of data packets	714/751	714/774
54	US 6061820 A	20000509	68	Scheme for error control on ATM adaptation layer in ATM networks	714/751	370/395.65; 714/701; 714/702; 714/711; 714/752; 714/760; 714/776
55	US 6052812 A	20000418	23	Messaging communication protocol	714/751	714/748; 714/797
56	US 6003151 A	19991214	17	Error correction and detection system for mass storage controller	714/752	714/48; 714/49; 714/54; 714/746; 714/748; 714/781; 714/785

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58	US 5968198 A	19991019	13	Decoder utilizing soft information output to minimize error rates	714/752	714/751; 714/755; 714/780
59	US 5948116 A	19990907	8	Bit error correction algorithm	714/746	714/797; 714/822
60	US 5629948 A	19970513	23	Data transmission scheme with automatic repeat request	714/748	714/750; 714/751
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62	US 5563895 A	19961008	12	Digital mobil E radio communication system	714/748	
63	US 5548598 A	19960820	6	In a data communications systems a method of forward error correction	714/751	714/758
64	US 5502653 A	19960326	14	Testing data transmissions between fax modems through real time synchronization and resynchronization of asynchronous data	709/224	375/238; 714/750; 714/775
65	US 5440545 A	19950808	15	Packet delivery system	370/426	370/442; 370/474; 714/748
66	US 5426652 A	19950620	8	Data reception technique	714/746	714/752
67	US 4994993 A	19910219	11	System for detecting and correcting errors generated by arithmetic logic units	708/533	714/746
68	US 4905234 A	19900227	52	Apparatus and method for transmitting digital data over a radio communications channel	370/349	370/913; 714/749

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70	US 4718067 A	19880105	9	Device for correcting and concealing errors in a data stream, and video and/or audio reproduction apparatus comprising such a device	714/747	386/47
71	US 4718066 A	19880105	8	Self-adaptive hybrid data transmission	714/751	
72	US 4329708 A	19820511	33	Digital signal processing apparatus	348/617	348/466; 348/616; 360/32; 386/21; 714/747
73	US 4144522 A	19790313	18	Electro-control system for data transmission	714/748	

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<b>70</b>	Peters; Joseph H.
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